

CLAIMS

What is claimed is:

- 1           1.       A method of logging users of mobile terminals in to wide-area network (WAN)  
2 servers in a system for connecting users at wireless terminals to WAN servers via a wireless  
3 telephone network connected to a WAN gateway, comprising the steps of:  
4           (a) determining in the gateway whether a particular user has previously logged in to a  
5               particular server,  
6           (b) and if the particular user has not previously logged in to the particular server:  
7               (b1) storing in the gateway login information provided by the particular user for  
8               logging the particular user in to the particular server; and  
9               (b2) forwarding the login information provided by the particular user to the  
10              particular server;  
11           (c) and if the particular user has previously logged in to the particular server:  
12               (c1) retrieving in the gateway stored login information provided by the particular  
13               user for logging the particular user in to the particular server; and  
14               (c2) forwarding the retrieved login information to the particular server.
- 1           2.       The method of claim 1 wherein the WAN is the Internet.

1           3.     The method of claim 1, wherein after step (c1) and before step (c2) are the  
2 steps:

3           (c1A) forwarding the retrieved login information to the particular user's wireless  
4 terminal for possible modification by the user; and

5           (c1B) returning the retrieved login information from the wireless terminal to the  
6 gateway.

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2           4.     The method of claim 1 wherein said login information comprises a user name and  
a password.

1           5.     The method of claim 1 wherein a user is identified according to a telephone  
2 number of said user's mobile terminal.

1           6.     The method of claim 2 wherein a server is identified according to its uniform  
2 resource locator (URL).

1           7.     Apparatus for logging users of mobile terminals in to wide-area network (WAN)  
2 servers in a system for connecting users at wireless terminals to WAN servers via a wireless  
3 telephone network connected to a WAN gateway, comprising:

4 a data store in the gateway for storing, for each user, correlations of:

5 servers to which the user has logged in; and

6 login information with which the user has logged in to each server,

7 first logic in the gateway for receiving from a server a solicitation of login information for a  
8 particular user and for determining according to the data store whether the user has  
9 previously logged in to the server;  
10 second logic in the gateway conditioned by the first logic for forwarding to the user a  
11 solicitation of login information, for receiving solicited login information from the user, and  
12 for storing the login information in the data store if the first logic has determined that the user  
13 has not previously logged in to the server;  
14 third logic in the gateway conditioned by the first logic for retrieving login information from the  
15 data store if the first logic has determined that the user has previously logged in to the server;  
16 and  
17 fourth logic in the gateway for forwarding the login information to the server.

1 8. The apparatus of claim 7 wherein the WAN is the Internet.

1 9. The apparatus of claim 7, wherein further:  
2 the third logic forwards to the login information to the user for possible  
3 modification and accepts the login information back from the user regardless of whether modified.

1 10. The apparatus of claim 9, wherein further the third logic stores login information  
2 in the data store if modified by the user.

1 11. The apparatus of claim 7 wherein said login information comprises a user name  
2 and a password.

1 12. The apparatus claim 7 wherein a user is identified according to a telephone number  
2 of said user's mobile terminal.

1 13. The apparatus of claim 8 wherein a server is identified according to its uniform  
2 resource locator (URL).